

我国虻科(双翅目)一新纪录属 及一新种

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指虻属 *Isshikia* Shiraki 建立于1918年,过去世界上仅在日本发现 *japonica* (Bigot) 及 *yajimai* Murdoch & Takahasi 二种。1983年中国科学院横断山脉综合考察队在四川省汶川县卧龙地区,海拔900—1,600米高度采到该属一新种,新种模式标本保存于中国科学院动物研究所。

属征 鞭节基部有明显的向前弯曲的拇指状前突,长度达到环节部分基部。额较窄,复眼具1—3条带。柄节短,一般长于宽。亚胛具粉被。

汶川指虻 *Isshikia wenchuanensis* 新种 (图1)

雌虫体长16—18毫米。

头部 眼具一条带。前额黄棕色,具黑毛,以头侧黑毛为密,形成三角斑。前额高度为基部宽度的6.4—7.7倍,端部明显宽于基部。亚胛、颊、额均覆灰黄色粉被。颊基部具黄毛。基胛黑色、棒状,上端延线约为前额高度1/2。单眼瘤缺。触角的柄节及梗节黄色,具黑毛;鞭节橙色,环节部分棕色,鞭节基部有明显的向前弯曲的拇指状前突,长度达到环节部分基部。下颏须灰黄色,具黄色毛;第2节窄长,具黄毛及少量黑毛。口毛黄色。

胸部 盾片棕黑色,覆黑、黄两色短毛,有3条不明显的条纹。小盾片黑色,边缘浅黄色;胸侧板及胸腹板灰色,具黄毛。翅前胛黄灰色。翅透明,翅脉棕色,翅基鳞有毛, R₁ 脉无附脉,翅端部具烟色阴影。股节黑色具黄毛;胫节黄色具同色毛,仅端部多黑毛;跗节黑色具同色毛。平衡棒黑色。

腹部背板黑色,每节后缘具棕黄色带,中央扩大为三角形斑,第2—3节两侧棕黄色,第6—7节几乎全部黑色。腹板橙色,中央具黑色半圆形条纹。

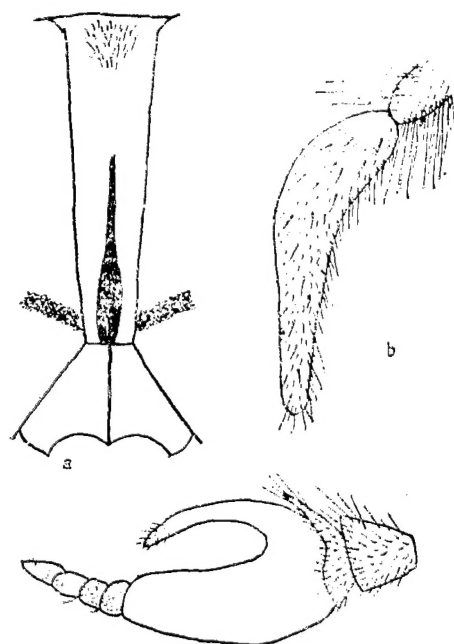


图1 汶川指虻 *Isshikia wenchuanensis* sp. nov.
a. 前额; b. 下颏须; c. 触角

雄虫 未详。

正模♀, 四川汶川县(卧龙), 1,600 米, 1983. VII. 26, 张学忠采。副模 24 ♀♀, 采集地同正模, 1983. VII—VIII.

本种颇近似于 *Isshikia yajimai* Murdoch et Takahasi, 但本种眼具一条带, 亚胛围绕着触角基部周围不光裸, R_4 脉无附脉, 可与后种相区别。

ON A NEWLY RECORDED GENUS AND A NEW SPECIES OF TABANIDAE (DIPTERA) FROM CHINA

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Genus *Isshikia* Shiraki was established in 1918. Formerly only two species, *Isshikia japonica* (Bigot) and *Isshikia yajima* Murdoch et Takahasi were known, both found in Japan. In this paper *Isshikia* is recorded for the first time from China, and a new species is reported. All the type specimens were collected by the Comprehensive Scientific Expedition to the Hengduan Mountains in 1983 and deposited in the Institute of Zoology, Academia Sinica.

Isshikia wenchuanensis sp. nov (fig. 1)

Female. Body length 16—18 mm. Eye with a band in life. Frons yellow-brown pollinose and with black hairs, strongly widened above, index about 1:6.4—7.7. Basal callus black, club-shaped, separated from the eye margins, extends upward to about $1/2$ the length of frons. Ocellar tubercle absent. Basal portion of flagellum with a prominent curved, dorsal process reaching forward to base of annulated portion. Palpus gray-yellow, second segment long and slender, with yellow hairs and a few black hairs. Scutum brown-black with black and yellow hairs and with three indistinct stripes. Wing hyaline, with smoky shadow apically, vein R_4 without a spur vein. Femora black, tibiae yellow, tarsi black. Halter black. Tergites orange with black spots, tergites VI—VII almost entirely black. Venter orange, with a semi-circular black median stripes.

Male: Unknown.

Holotype ♀, Wenchuan County (Wo Long) Sichuan Province, 1600 m. 26. VII. 1983, collected by Zhang Xue-zhong. Paratypes 24♀♀, same locality, collected in June—July. 1983.

This new species is related to *Isshikia yajimai* Murdoch et Takahasi, but easily distinguished from the latter by its eye with one band in life, the basal area around the antennae grey-pollinose, not glabrous. Vein R_4 without a spur vein.